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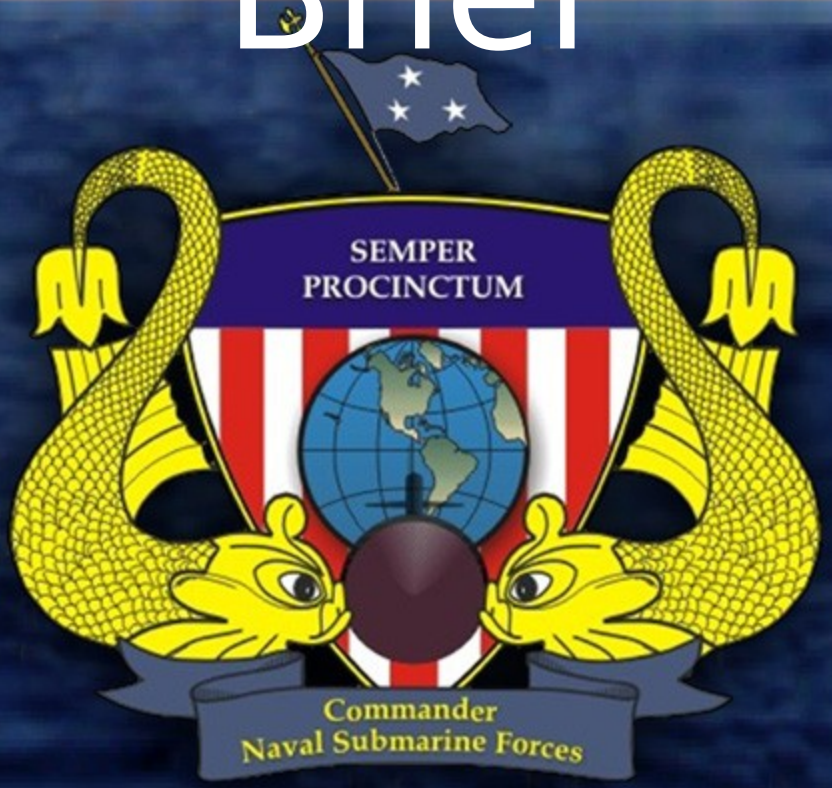
Submarine Force Brief



Who We Are

SUBFOR

Officers	2160
Enlisted	18124
Civilian	1629
Cont	573
Reserves	3054
Total	**25540**

CSF Outputs

- Operational Availability
- Decision making
- Right people
- Future Capability

resence with a urpose
verage of 10 SSNs eployed in support f GWOT, phase 0, and battlespace shaping.

Bangor
SSBN, SSN

San Diego
SSN, AGSS

Pearl Harbor
SSN

Portsmou th
SSN

..lew London
Norfolk
SSN, SSGN

Kings Bay
SSBN

La Maddalena
Tender

Naples
COMSUBGRU 8

Yokosuka
COMSUBGRU 7

Guam
SSN, Tender

The Future

- **COMMs IP**
- **SSGN Start**
- **IO**
- **Comms at Speed and Depth**
- **Silent Hammer**

SSBN COMMIT

(Days)
Alert and Mod-Alert
Approx 50%

Deployed Days

Total	**3802**
CSG/ESG	**1148(30%)**
Missions (57)	**1198 (32%)**

54 SSNs, 14 SSBNs, 4

Submarine Operations

- **Undersea Warfare (USW)**
- **Global War on Terror (GWOT)**
- **The Road Ahead**

Spectrum of Submarine Warfare

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Stealth... Agility... Endurance... Firepower

PEACE | **Intelligence: Battlespace Preparation** | **Pre-Hostilities** | **Conflict Escalation** | **WAR**

Precision Strike
Anti-Submarine Warfare
Anti-Ship Warfare
Offensive Mining
Special Operations Forces Support
Mine Reconnaissance
Information Operations
Intelligence Preparation of Battlespace (IPB)
Indication and Warning (I&W)
Intelligence/Surveillance/Reconnaissance
Strategic Deterrence (conducted by

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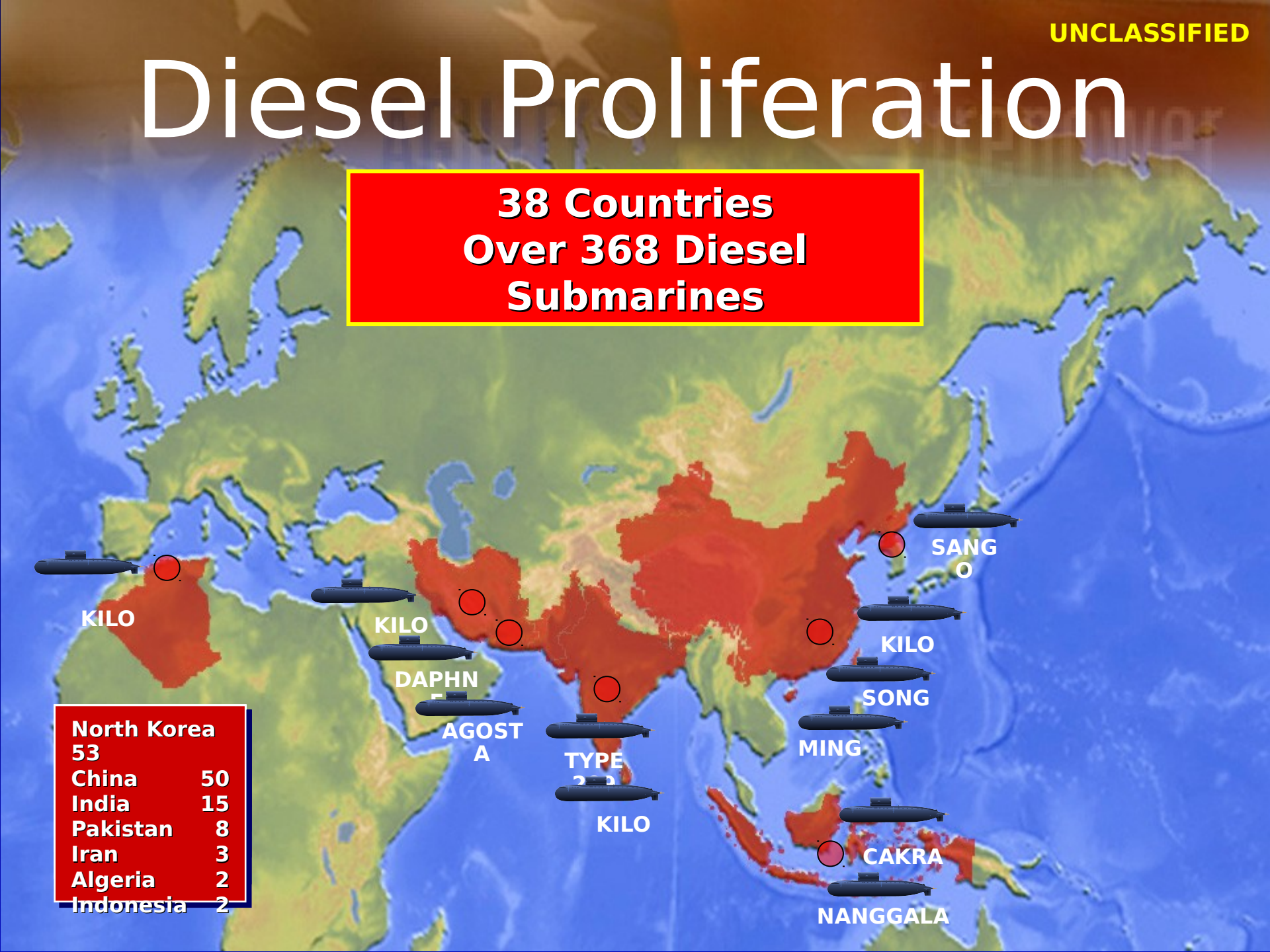
Diesel Proliferation

38 Countries
Over 368 Diesel Submarines



North Korea	53
China	50
India	15
Pakistan	8
Iran	3
Algeria	2
Indonesia	2

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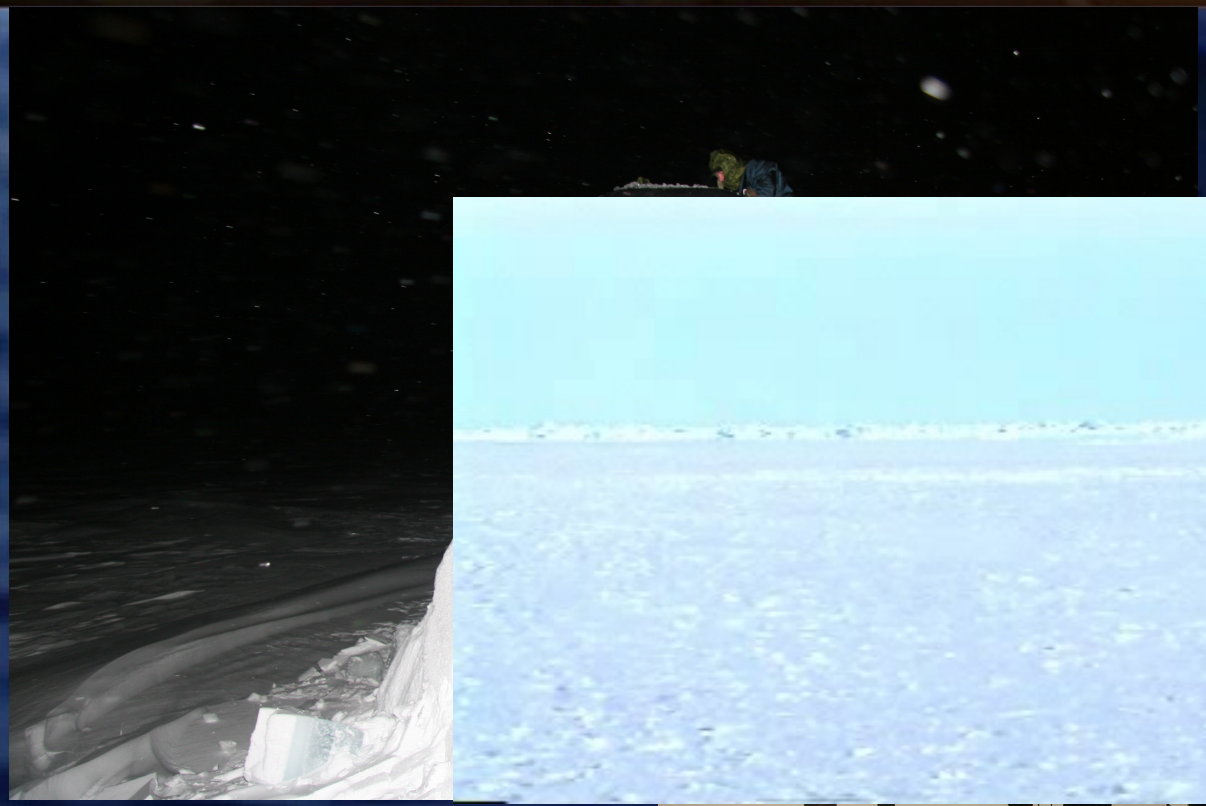
Trident Submarines

Cornerstone of Strategic Deterrence

- 54% of warheads
- 100% of survivable warhead
- 35% of strategic personnel
- 19% of strategic budget
- Over 3600 SSBN patrols since 1960 (770 Trident patrols)

Arctic Operations



Arctic Operations

Submarine Operations

- Undersea Warfare (USW)
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Submarine Support to GWOT

- Intelligence, Surveillance, Reconnaissance
- Information Operations
- Strike (Tomahawk missiles)
- New VIRGINIA Class of attack submarines were designed for post-Cold War environments
- Littoral (Shallow Water) Operations
- SOF insertion
- NARCO Terrorism

Operation Iraqi Freedom

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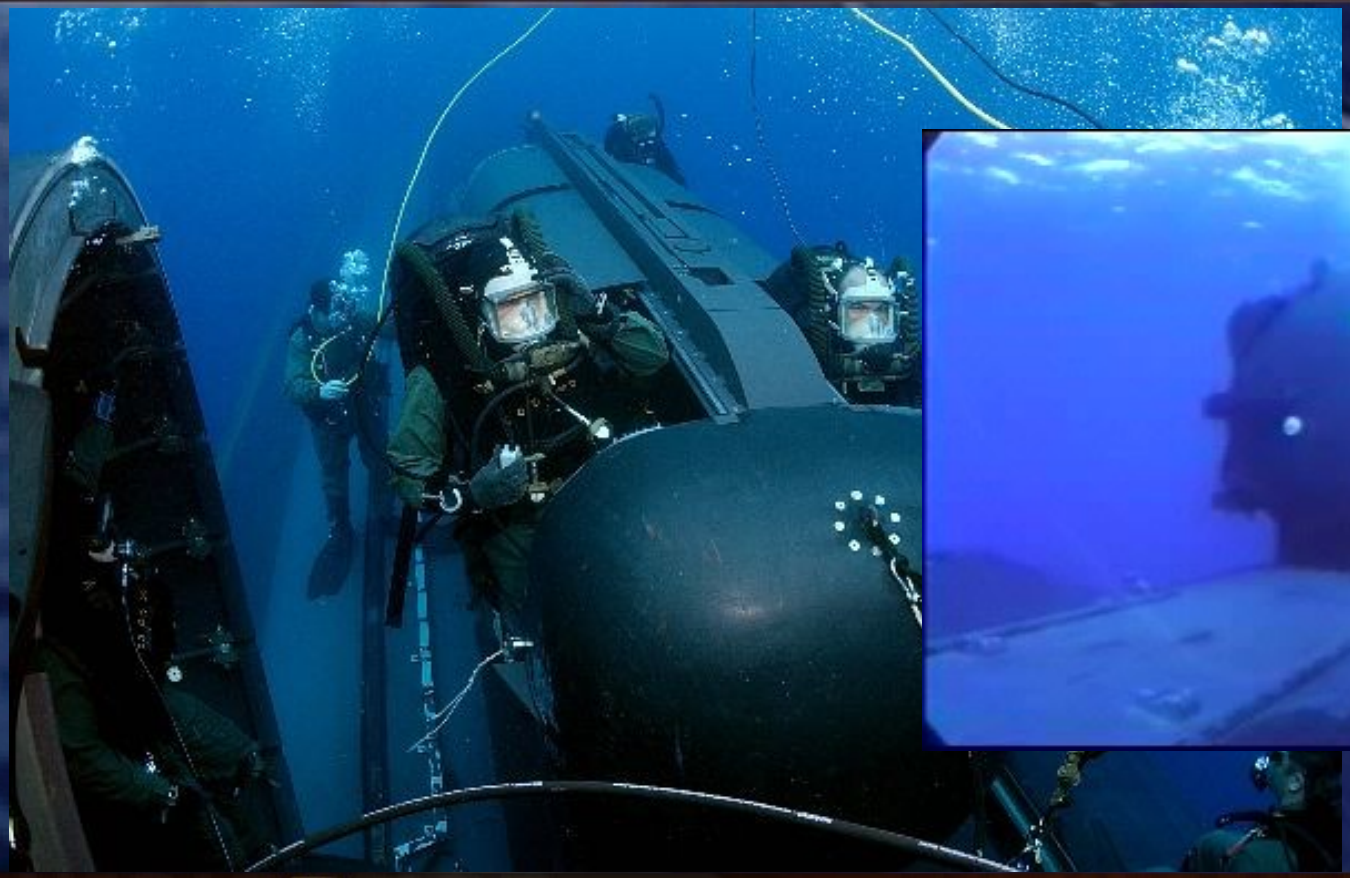
12 U.S. SSNs

2 UK SSNs

SEAL Delivery

SEAL Delivery



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Advanced SEAL Delivery System

Submarine Operations

- Undersea Warfare (USW)
- Global War on Terror (GWOT)
- **The Road Ahead**

International Submarine Cooperation

- DESI Program
- ISMERLO
- Asia-Pacific Submarine Conference

"The 1,000-ship Navy is about the voluntary development of a network that vastly increases the number of sensors available to monitor security in the maritime domain while increasing the number of responders capable of ensuring maritime security."

-- Proceedings, Nov. 2005

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VIRGINIA Class

- 30-ship class built to replace aging Los Angeles class submarines
- Designed for post-Cold War security environment
- USS Virginia commissioned Oct. 2004

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VIRGINIA Class

USS Virginia (SSN 774)

USS Texas (SSN 775)

Commissioned 2006

Deployed Oct. 2005

SSGN

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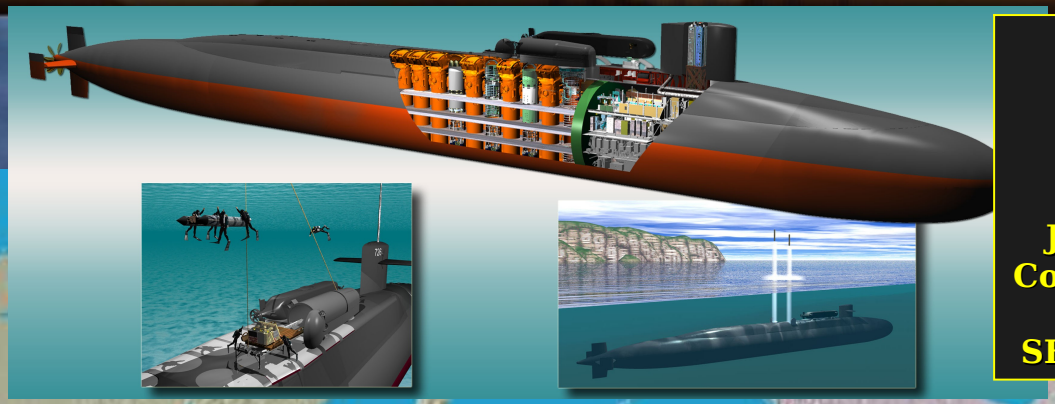
SSGN

SSGN



154 TLAM
66 SOF for more than 60 Days
2 DDS / ASDS
8 Modular SOF Storage Canisters
Battle Management Center:
Joint Connectivity and Organic C2 Capability
Comms suite has double the antennas of an SSN
SOF Habitability & Training Facilities
SEASUB – Lock-In/Lock-Out, Ordnance Package

4 SSGNs = 2 to 3 in theater at all times

Submarine Force Outputs

- **Maximize Operational Readiness**
- **Leaders who make right decisions**
- **Right people in the right places**
- **Adequate future capabilities**

UNITED STATES SUBMARINE FORCE

We Go Where Others Can't . . .